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ABSTRACT

In order to evaluate long-term benefits to students, William Rainey Harper College conducted five- and three-year followup studies of all 1970 and 1972 alumni. The population was defined as students who had accumulated 48 or more credit hours or had received a degree. In all, 385 1970 alumni, and 1,154 1972 alumni were surveyed by mail or telephone; 237 responses (61.6 percent) were received from 1970 alumni, and 815 (70.6 percent) from 1972 alumni. About 70 percent of this population had received a degree or certificate before leaving Harper. Career program alumni tended to remain in their fields, but transfer program alumni drifted away from the fields they had chosen at Harper. In general, the longer the alumni had been away from Harper, the more apt they were to be working at a higher skill and salary level, and to be working further away from Harper. Sixty-two percent of the 1970, and 37 percent of the 1972 transfer alumni had earned bachelor's degrees by 1975. Overall, about 80 percent of the transfer alumni had taken at least some other courses at another college since leaving Harper. In addition, Harper's programs, facilities, and faculty were rated as to their degree of relevance to the respondents' present lives and jobs, and compared to those at other schools. Responses are tabulated, and the survey instrument is appended. (Author/NHM)

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William Rainey Harper College

FOLLOW-UP STUDY OF 1970 AND 1972 ALUMNI

Research Report Series Volume VII, No. 9

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Office of Planning and Research

John A. Lucas, Director

U S DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

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To evaluate long-term benefits students receive from Harper, five and three year follow-up studies were made of 1970 and 1972 alumni. Alumni are defined as accumulating 48 credit hours or more at Harper or receiving a degree from Harper. Alumni were identified in both 1970 and 1972 and a questionnaire, shown in the appendix, with a stamped addressed return envelope was mailed to them. Three weeks later a postcard reminder was sent and finally, if no response was forthcoming in three weeks, these alumni were telephoned. The following table shows a breakdown of the target population and the response.

	1970 Alumni			1972 Alumni		
	Transfer	Career	Total	Transfer	Career	Total
Population			385	742	412	1154
Mail returns			142	264	201	462
Telephone responses			95	234	116	353
Total responses	162	75	237	498	317	815
Response rate			61.6	67.1	76.9	70.6

Of this target population about 70 percent received a degree or certificate while the other 30 percent left before receiving such a degree or certificate. The results of the survey can be summarized as follows:

1. Career alumni tend to remain in their field prepared for while over the years transfer alumni gradually drift away from their chosen field at Harper. Three and five years after leaving Harper, still close to half of the career alumni remain in the identical field they prepared for at Harper. This is at most down only a few percent from the survey conducted one year after they achieved alumni status. While this is a very stable situation for career alumni, this is not the case for transfer alumni. One year after achieving alumni status, only about 30 percent of these former students remained in an identical field. However, after three years only 21 percent remained in their same field and after five years only 13 percent remained in the field identical to their Harper preparation.

2. Five years after leaving Harper, 62 percent of the 1970 transfer alumni have achieved a bachelors degree while 85 percent have at least taken some courses at another college since leaving Harper. Even today almost a fourth of these alumni are still enrolled in a college. Three years after leaving Harper, 37 percent of the 1972 transfer alumni have achieved at least a bachelors degree while 80 percent have a least taken some courses since leaving Harper. At present 38 percent of these 1972 transfer alumni are enrolled in college.

   When looking at Career alumni, about 16 percent of the 1970 class have achieved at least a bachelors degree after five years while 48 percent have enrolled in a least some courses at another college since leaving Harper. At present 19 percent of these alumni are enrolled in college.

3. In terms of mobility 28 percent of the 1972 alumni are still in the same situation as when they first left Harper. Only 15 percent of the 1970 alumni are in the same situation. The biggest proportion of situation changes among the 1970 alumni are leaving college for an employment opportunity (35 percent). Eighteen percent of this group have changed firms while nine percent are working for the same firm but at a different position. Among the 1972 alumni, 28 percent have changed firms, 14 percent have left college for a job opportunity and nine percent are working for the same firm but at a different position. This supports national trends which indicates more horizontal moves (between firms) than vertical promotions or position changes within firms.

4. These follow-up studies indicate, as would be expected, that the longer the alumni have been away from Harper the more apt they are to be working at a higher skill and salary level and the more apt they are to be working further away from Harper.

5. Considering only those still remaining in college after three or five years, these students are earning a higher GPA now than their GPA at Harper.

6. In evaluating Harper in the years 1970 to 1972, these alumni rated faculty and the LRC as the best attributes of Harper which is consistent with one year follow-up studies. However, when comparing Harper to other colleges attended, food service and records and registration appear much more superior at Harper. Other colleges were rated much higher than Harper in the area of intercollegiate and intramural sports.

7. Nursing, Dental Hygiene, Supervisory and Administrative Management, Secretarial Science and Fashion Design were the courses rated as most beneficial to students while History, Physical Education and Sciences were rated as least beneficial to students. Again, this is rating courses during the 1970-1972 period. In general over the years the value of business and education courses seem to go up in the minds of former students while the value of liberal arts courses tend to go down.

8. About 78 percent of those alumni having jobs felt Harper's education was useful in their present situation. The biggest help was in providing specific job skills. General background and general business background were also often cited.

9. When asked which additional courses students wish they had taken while at Harper, most students responded they wish they had taken business courses as compared to any other course type. This is consistent with the 1975 Vo-Tech alumni study which showed alumni feel least prepared at Harper in the management area.

10. When asked what experience at Harper has helped them most since leaving, the most frequently mentioned experience was one of personal development. This might include general maturing, establishing friends or learning how to interact with people. The next most frequent experience mentioned was the impact or relationship with a particular faculty, counselor or staff at Harper. Next a particular course or program was mentioned. Next most frequently discussed was preparation for the future. In addition, over 50 alumni mentioned that work experiences while at Harper were their most helpful experience. Therefore, it can be seen that most of the experiences having major impact upon these former students were non-classroom experiences.

    However, again it must be remembered these are alumni who have accumulated 48 or more hours and represent only ten percent of the total student population. It is quite probably that short term students would think of a different set of helpful experiences.

FOLLOW-UP STUDY OF 1970 and 1972 ALUMNI

SUMMARY OF RESULTS

Present Status	Five Year Follow-Up 1974 1969 Class	Five Year Follow-Up 1975 1970 Class	Three Year Follow-Up 1974 1971 Class	Three Year Follow-Up 1975 1972 Class
Employed full-time - not enrolled in college	61.6	63.7	56.2	55.2
Employed full-time - enrolled part-time	7.4	12.2	6.6	10.3
Employed full-time - enrolled full-time in college	2.9	.8	2.5	.5
Enrolled in college full-time, employed part-time	4.1	5.1	11.3	8.5
Enrolled in college full-time but not employed	4.7	3.4	12.8	9.7
Employed part-time and enrolled part-time	2.2	1.3	1.8	2.2
Employed part-time but not enrolled in college	4.4	5.9	3.7	4.5
Armed services	2.2	0	.1	.4
Unemployed but seeking employment	1.5	2.1	2.9	3.7
Housewife, not employed, not seeking employment, not enrolled	7.4	4.2	1.3	2.6
Not employed or enrolled in college for some other reason	.7	0	.8	1.8
Enrolled part-time but not employed	0	1.3	0	.6
Total	100%	100%	100%	100%
Number	136	237	598	815
Percent remaining in identical fields either in school or in job	21.6	24.4	30.0	28.8
Educational Goals				
Presently enrolled full-time in college	11.0	8.4	26.4	18.2
Presently enrolled part-time in college	9.6	14.3	8.4	12.5
Plan to return to college next year	9.6	14.8	10.5	10.6
Plan to return to college someday	20.6	17.3	18.6	18.6
Presently enrolled in specific training program	4.4	1.3	1.2	4.2
No plans to continue education	25.0	31.2	19.9	26.2
Educational plans unknown	19.8	12.7	5.0	9.7
Total	100%	100%	100%	100%
Number	136	237	598	815

Status Change Since Leaving Harper	Five Year Follow-Up 1974 1969 Class	1975 1970 Class	Three Year Follow-Up 1974 1971 Class	1975 1972 Class
I was in college but am now employed full-time	42.9	35.0	21.2	14.4
I am working for different company or firm now	16.5	18.0	20.0	27.7
I am working for the same company or firm at the same job	8.3	12.0	15.4	14.0
I am still at the same college with same major	2.3	2.6	14.3	10.3
I am working for the same company or firm, but at a different job	4.5	9.0	7.8	9.4
I have changed colleges	2.3	6.0	5.2	4.2
I am still at the same college, but have changed major fields	3.7	.8	4.3	4.0
I was working but now I have returned to college	3.0	3.0	3.3	4.4
I was unemployed and seeking employment but now I am working full-time	0	0	1.2	.7
I am still unemployed and not enrolled full-time in college but am not seeking employment	5.3	.8	1.2	1.7
I am still unemployed and not enrolled full-time in college and am seeking employment	0	0	1.1	1.5
I wasn't seeking employment at the time of leaving Harper nor was I in college but now I am working full-time	0	1.5	1.1	.2
Was in college, now employed	1.5	1.5	.9	2.0
I was in Armed Forces, I am now in college full-time	1.5	1.1	.5	.1
I wasn't seeking employment at the time of leaving Harper nor was I in college but now I am enrolled in college full-time	0	.8	.5	.7
Was employed, now unemployed	1.5	3.7	.3	1.5
Total disability	0	0	.2	0
I am still in Armed Services	3.7	0	.1	.4
I was in Armed Forces, I am now working full-time	0	2.6	.1	.4
I was unemployed and seeking employment but now I am in college full-time	0	0	.1	.2
Was working full-time, now part-time	1.5	.8	.7	.2
Was in college, now working part-time	0	0	0	1.3
Other changes	0	0	0	1.3
Total	100%	100%	100%	100%
Number		133		460

College Achievement Since Leaving Harper	Five Year Follow-Up 1974 1969 Class	1975 1970 Class	Three Year Follow-Up 1974 1971 Class	1975 1972 Class
I have taken no college courses since leaving Harper	21.4	25.4	29.9	34.4
I have taken some college courses but do not have a bachelors degree	26.5	27.5	40.0	38.3
I have achieved a bachelors degree	31.6	29.7	25.7	20.1
I have achieved a bachelors degree plus some graduate courses	13.2	13.6	3.4	6.4
I have achieved a masters degree	5.9	3.0	.7	.4
I have achieved a professional degree	.7	.8	.3	.4
I have achieved a doctorate	.7	0	0	0
Total	100%	100%	100%	100%
Number	136	236	598	815
Percent achieving bachelors degree or higher	52.1	47.1	30.1	27.3
Degree Achievement at Harper				
More than one degree	0	.4	0	1.1
Associate in Applied Science	8.2	14.8	16.6	16.8
Associate in Science	19.8	18.6	18.7	19.4
Associate in Arts	32.3	31.6	25.7	28.9
Certificate	2.9	3.8	6.2	4.8
No degree	36.8	30.8	32.8	29.0
Total	100%	100%	100%	100%
Number	136	237	598	815
Reasons for Not Receiving Degree				
Preferred transferring to another college	60.0	51.7	50.5	48.4
Short credits	16.0	3.4	14.7	1.2
Had taken all courses originally wanted to take	6.0	13.8	7.1	6.6
Saw no relationship between the courses and personal, occupational or educational goals	2.0	3.5	4.1	1.5
Did not petition	0	0	4.1	3.9
Educational goals were not defined	4.0	3.4	3.0	2.3
Harper offered no further courses I wanted	6.0	6.9	3.0	2.7
Job demand	2.0	0	2.5	4.3
New job opportunity	0	0	2.0	4.7
Personal problems	0	0	1.5	1.2

Reasons for Not Receiving Degree (continued)	Five Year Follow-Up 1974 1969 Class	1975 1970 Class	Three Year Follow-Up 1974 1971 Class	1975 1972 Class
Lost interest - not challenged	0	0	1.5	1.6
Still enrolled at Harper	0	0	1.5	3.1
Family responsibility	0	0	1.0	1.5
Marriage	2.0	0	1.0	4.7
Low grade point	0	0	1.0	.8
Problem in financing further education	0	0	1.0	.4
Teachers were ineffective	0	0	.5	.4
Moved	0	3.5	0	1.2
Personal financial problems	0	0	0	1.6
Illness	0	0	0	.8
Entering military	0	13.8	0	.8
Can't get in desired program at Harper	0	0	0	.8
Didn't know I could get degree	0	0	0	.8
Other	0	0	0	4.7
Total	100%	100%	100%	100%
Number		29		128

EMPLOYMENT INFORMATION

Classification of Present Occupation

Occupational Field				
Business or finance	25.9	17.8	17.2	20.8
Medical field	10.3	15.4	18.6	17.2
Sales	3.4	9.0	9.3	11.3
Office of clerical	12.2	6.9	10.2	9.8
Educational	22.4	13.8	8.4	7.9
Trades	6.9	12.0	8.9	7.7
Engineering or related technology	5.1	8.1	10.7	7.7
Legal or governmental	6.9	3.2	6.1	7.5
Factory semi-skilled	1.7	4.6	2.3	2.9
Food service or hotel mgmt.	0	0	0	1.8
Social or religious	1.7	1.6	2.8	1.5
Scientific	1.7	0	1.4	1.3
Arts or humanities	0	3.7	1.8	.8
Conservation and agriculture	0	0	0	.3
Own or manage small business	0	0	0	.2
Other (not specified)	0	3.9	2.3	1.3
Total	100%	100%	100%	100%
Number of responses	98	217	390	611

Level of Employment		Five Year Follow-Up 1974 1969 Class	Five Year Follow-Up 1975 1970 Class	Three Year Follow-Up 1974 1971 Class	Three Year Follow-Up 1975 1972 Class
Status Rating	Status Description				
1	Unskilled labor	1.9	6.0	5.3	4.1
2	Semi-skilled labor	9.3	12.5	11.9	12.3
3	Technician-skilled labor foreman	11.0	7.9	13.3	16.4
4	Beginning professional	38.9	34.2	43.3	37.1
5	Experienced professional-second line supervisor	31.5	35.2	22.4	27.3
6	Researcher or middle management	7.4	3.7	2.4	1.6
7	Vice-president level or higher	0	.5	1.4	1.2
Total		100%	100%	100%	100%
Number		98	216	390	611
Average status		4.11	3.93	3.78	3.81
Annual Salary					
Up to $5,000		3.6	.6	8.6	3.0
$ 5,000 - $ 7,000		9.3	5.0	18.6	11.2
$ 7,000 - $ 9,000		12.9	13.7	28.7	19.9
$ 9,000 - $10,000		25.9	13.7	15.0	14.6
$10,000 - $12,000		27.8	27.3	14.0	21.2
$12,000 - $15,000		9.3	25.5	9.1	19.5
$15,000 - $20,000		9.3	8.1	4.0	7.8
$20,000 - $25,000		0	4.3	1.0	1.5
Over $25,000		1.9	1.8	1.0	1.3
Total		100%	100%	100%	100%
Number		98	161	390	472
Mean Salary		$10,648	$12,102	$9,089	$10,793
Median Salary		$ 9,934	$11,273	$8,589	$10,130
Job Location	Distance Index				
Downtown Chicago	2	9.3	9.2	4.5	7.9
Outer fringes of Chicago	1	22.2	6.9	6.9	7.4
Northwest suburbs	0	27.8	44.1	42.6	45.6
Other Chicago suburbs	1	11.0	21.4	28.2	22.2
40 to 100 miles from Chicago	3	9.3	5.6	6.9	4.5
Illinois-more than 100 miles away	4	0	2.1	1.0	1.5
Outside Illinois	5	20.4	10.7	9.9	10.9
Total		100%	100%	100%	100%
Number of responses		98	196	390	603
Average distance index		1.82	1.25	1.18	1.19

Relatedness of Job To Major Field at Harper	Index of Relatedness	Five Year Follow-Up 1974 1969 Class	Five Year Follow-Up 1975 1970 Class	Three Year Follow-Up 1974 1971 Class	Three Year Follow-Up 1975 1972 Class
They are identical	3	26.7	25.4	34.4	30.9
They are closely related	2	15.4	21.0	14.0	18.8
They are somewhat related	1	15.4	22.4	14.0	16.5
They are not related	0	42.5	31.2	37.6	33.8
Total		100%	100%	100%	100%
Number of responses		98	205	390	618
Mean degree of relatedness		1.26	1.40	1.45	1.47

How Harper's Education Didn't Help Me on Present Job	Number
The education was not related to my present job.	115
Harper turned me backwards	3
The accounting courses taken have not helped me in present secretarial job.	1
Nursing coordinator at that time was not helpful.	1
Prepared less than I thought, needed more clinical experience.	1

EDUCATION INFORMATION

College or University Enrolled In				
Northern Illinois	18.2	14.3	28.9	17.0
University of Illinois - Circle	9.1	14.3	9.3	11.3
Southern Illinois	9.1	0	9.3	4.4
Western Illinois	0	9.5	4.1	4.4
Illinois State	0	0	3.1	4.4
Northeastern Illinois	0	4.8	3.1	6.9
DePaul	0	4.8	3.1	1.9
University of Illinois - Champaign	0	4.7	2.1	6.0
Elmhurst	0	0	2.1	.6
Harper	0	0	2.0	3.1
Loyola	0	9.5	2.0	2.8
University of Wisconsin-Madison	0	0	1.1	.6
Eastern Illinois	0	0	1.0	1.9
Illinois Medical School	0	0	1.0	0
Valparaiso	0	0	1.0	0
Chicago Institute of Art	0	0	1.0	1.9
Northwestern	0	4.8	1.0	1.9
North Dakota State	0	0	0	1.9
University of Wisconsin - Stout	0	0	0	1.9
Other	63.6	33.3	24.8	27.1
Total	100%	100%	100%	100%
Number	11	21	97	159

Five Year Follow-Up - Other Colleges Attended by One Harper Alumni

Metro State (Denver)
John Marshall
University of New Orleans
College of Pediatric Medicine
Texas A & M
Montana State
Arizona State

Three Year Follow-Up - Other Colleges Attended by One Harper Alumni

University of Southern California
Cincinnati
Palmer College - Chiropractic
University of Wyoming
Florida State
Michael Reese School of Medical Technology
Baylor
Augustana College - Rock Isalnd
Midland Lutheran College - Nebraska
Midwestern School of Law - St. Paul
University of Wisconsin - Oshkosh
Portland Scate
Columbia
Arizona State
Youngstown State
Trinity College
Quincy College
Florida Atlantic U.
Central Michigan
Midwest College - Lombard, Illinois
University of Wisconsin - LaCrosse
University of Chicago
Colorado State
University of Texas
Devry Institute of Technology

Three Year Follow-Up - Other colleges attended by Two Harper Alumni

Bradley
University of Minnesota
George Williams College
University of North Dakota
Winona State
University of Arizona
University of California

Present Major Field	Five Year Follow-Up 1974 1969 Class	1975 1970 Class	Three Year Follow-Up 1974 1971 Class	1975 1972 Class
Biological & Health Sciences	18.1	38.1	11.3	18.3
Business	18.1	19.0	13.6	16.7
Social Sciences	9.1	4.8	14.9	16.3
Education	9.1	9.5	14.9	11.4
Humanities	0	9.5	5.6	10.6
Architecture	0	0	4.5	6.5
English - Literature - Speech	9.1	0	3.4	5.7
Engineering & Technology	0	4.8	13.6	4.9
Law	27.4	9.5	3.4	3.2
Math or Physical Science	0	4.8	2.3	3.2
Agriculture & Conservation	9.1	0	3.4	2.0
Home Economics	0	0	2.3	.8
Journalism	0	0	2.3	0
Other (unspecified)	0	0	4.5	0
Total	100%	100%	100%	100%
Number of responses	11	21	88	123
Relatedness of Present Major to Major at Harper				
Degree of Relatedness				
3 Identical	27.3	33.3	31.6	32.8
2 Closely related	27.3	19.1	25.3	26.9
1 Somewhat related	27.3	33.3	27.4	22.7
0 Not related	18.1	14.3	15.7	17.6
Total	100%	100%	100%	100%
Number of responses	11	21	88	119
Mean degree of relatedness	1.64	1.71	1.73	1.75
Portion of Courses Taken at Harper Which Were Transferred				
0 - 20 percent	0	0	2.1	1.7
20 - 40 percent	9.1	0	2.1	1.7
40 - 60 percent	0	10	6.2	5.2
60 - 80 percent	9.1	10	6.2	6.9
80 - 90 percent	27.3	20	13.4	7.8
All but 2 or 3 courses	27.3	20	6.1	14.7
All but 1 course	9.1	5	13.4	8.6
Transferred all courses	18.1	35	50.5	53.4
Total	100%	100%	100%	100%
Number of responses	11	20	97	116
Mean percent of courses transferred	82.1	86.3	87.7	89.2

Class Standing at Present College	Class Index	Five Year Follow-Up 1975 1970 Class	Three Year Follow-Up 1975 1972 Class
Freshman	1	0	0
Sophomore	2	0	2.5
Junior	3	14.3	13.2
Senior	4	42.8	58.7
Graduate school	5	16.7	20.6
Professional school	5	26.2	3.3
Other	NI	0	1.7
Total		100%	100%
Number of responses		21	121
Mean class index		4.29	4.06

Grade Performance of Harper Alumni at Four Year Institutions They Are Attending	Five Year Follow-Up 1974 1969 Class	Five Year Follow-Up 1975 1970 Class	Three Year Follow-Up 1974 1971 Class	Three Year Follow-Up 1975 1972 Class
Percent of students who earned a 3.0 cumulative GPA or better	27.3	57.1	48.4	53.9
Percent of students who earned below a 2.0 cumulative GPA	0	0	2.1	1.7
Mean cumulative GPA	2.76	3.00	2.90	2.91
Number of respondents	11	21	95	117
Grade Performance of Harper Alumni While at Harper				
Percent of students who earned a 3.0 cumulative GPA or better	18.2	19.1	29.3	34.3
Percent of students who earned below a 2.0 cumulative GPA	0	14.3	7.3	3.0
Mean cumulative GPA	2.67	2.35	2.71	2.69
Number of respondents	11	21	95	99
Cost of Present College To Family or Student				
Less than $500	10.0	13.3	5.2	4.9
$ 500 - $1,000	10.0	6.7	5.2	7.8
$1,000 - $1,500	30.0	0	14.6	5.8
$1,500 - $2,000	0	6.7	19.8	18.4
$2,000 - $2,500	20.0	13.3	27.0	15.5
$2,500 - $3,000	10.0	13.3	13.6	26.2
Over $3,000	20.0	46.7	14.6	21.4
Total	100%	100%	100%	100%
Number of respondents	10	15	96	103
Mean cost per year	$1905	$2507	$2076	$2286

Courses by Rank Order of Their Net Benefit to the Alumni

Courses	1969 a/b	1970 Five Year Follow-Up: Times Nominated As Most Beneficial Course	1970 Five Year Follow-Up: Times Nominated As Least Beneficial Course	1970 a/b	1971 a/b	1972 Three Year Follow-Up: Times Nominated As Most Beneficial Course	1972 Three Year Follow-Up: Times Nominated As Least Beneficial Course	197 a/
Nursing	7.00	18	1	18.0	33.00	38	1	38.0
Secretarial Science	5.8	6	0	6/0	13.00	26	2	13.0
Fashion Design	-	0	0	-	5.50	11	1	11.0
Criminal Justice	-	0	1	0	3.00	18	2	9.0
Marketing	-	6	2	3.00	-	25	3	8.3
General Business	23.0	26	0	26/0	8.33	79	10	7.9
Food Service	-	0	0	-	-	7	1	7.0
Electronics	1/0	4	0	4/0	3.75	13	2	6.5
Accounting		22	7	3.14	-	61	16	3.8
Education	4.5	14	0	14/0	2.36	35	10	3.5
Journalism	-	2	1	2.00	-	14	4	3.5
Data Processing	5.0	8	3	2.67	1.81	40	12	3.3
Psychology	5.8	46	8	5.75	3.34	183	56	3.2
Architecture	2/0	4	1	4.00	2.00	13	4	3.2
Speech	5.25	34	4	8.50	5.26	107	35	3.0
Sociology	6.30	43	11	3.91	3.31	137	45	3.0
Chemistry	-	12	9	1.33	-	45	24	1.8
English	7.25	43	16	2.69	2.76	168	96	1.7
Math	1.29	30	11	2.73	2.11	110	70	1.5
Political Science	1.50	12	13	.92	1.30	47	36	1.3
Biology	.61	20	15	1.33	1.91	89	78	1.1
Philosophy & Humanities	1.88	22	19	1.16	1.90	96	85	1.1
Art	2.20	10	7	1.43	1.03	48	48	1.0
Refrigeration & Air Condition	-	0	0	-	-	1	1	1.0
Physical Science	.14	7	6	1.17	1.24	23	24	.9
Physical Education	.42	11	16	.69	.70	50	56	.8
History	.58	13	26	.50	.93	47	74	.6
Supervisory & Adm. Mgmt.	-	3	0	3/0	-	41	0	41/
Dental Hygiene	0	10	0	10/0	6.00	30	0	30/
Mechanical Engineering	1/0	2	0	2/0	3.38	7	0	7/
Fire Science	-	0	0	-	-	3	0	3/
Other	-	0	1	0	-	8	5	1.6
Total	2.24	428	178	2.40	2.27	1620	801	2.0

COMPARISON OF COURSE RATINGS NOW WITH RATINGS MADE SHORTLY AFTER LEAVING HARPER

Ratio of Times Nominated Most Beneficial to Times Nominated Least Beneficial

Courses	1970 Alumni Now N	1970 Alumni Now Rating	1970 N	1970 Rating
General Business	26	26/0	112	4.09
Education	14	14/0	16	.07
Dental Hygiene	10	10/0	15	15/0
Secretarial Science	6	6/0		
Electronics	4	4/0		
Supervisory and Administrative Management	3	3/0		
Mechanical Engineering	2	2/0		
Nursing	19	18.00	28	28/0
Speech	38	8.50	109	35.33
Psychology	54	5.75	135	21.50
Architecture	5	4.00		
Sociology	54	3.91	97	47.50
Accounting	29	3.14		
Marketing	8	3.00		
Math	41	2.73	108	1.84
English	59	2.69	167	2.27
Data Processing	11	2.67	20	9.00
Journalism	3	2.00		
Art	17	1.43	40	4.71
Biology	35	1.33	93	1.66
Chemistry	21	1.33		
Physical Science	13	1.17	44	21.00
Philosophy & Humanities	41	1.16	57	.14
Political Science	25	.92	79	1.03
Physical Education	27	.69	83	.06
History	39	.50	96	.88
Criminal Justice	1	0		
Total	606	2.40	1318	2.15

Courses	1972 Alumni Now N	1972 Alumni Now Rating	1972 N	1972 Rating
Supervisory & Administrative Management	41	41/0		
Dental Hygiene	30	30/0	30	14.00
Mechanical Engineering	7	7/0	26	25.00
Nursing	39	38.00	48	11.00
Secretarial Science	28	13.00		
Fashion Design	12	11.00		
Criminal Justice	20	9.00		
Marketing	28	8.33		
General Business	89	7.90	173	4.97
Food Service	8	7.00		
Electronics	15	6.50		
Accounting	77	3.81		
Education	45	3.50	58	2.22
Journalism	18	3.50		
Data Processing	52	3.33	68	1.19
Psychology	239	3.27	318	4.58
Architecture	17	3.25		
Speech	142	3.06	199	3.74
Sociology	182	3.04	260	4.20
Chemistry	69	1.88		
English	264	1.75	327	2.48
Math	180	1.57	263	1.96
Political Science	83	1.31	147	1.37
Biology	167	1.14	212	1.65
Philosophy & Humanities	181	1.13	258	1.53
Art	96	1.00	134	.84
Physical Science	47	.96	101	1.66
Physical Education	106	.89	203	.92
History	121	.64	171	1.16
	2421	2.02	3089	2.13

Evaluation Areas of Harper Ranked by Its Rating by Students	Five Year Follow-Up		Three Year Follow-Up	
	1974 1969 Class	1975 1970 Class	1974 1971 Class	1975 1972 Class
1=excellent, 2=very good, 3=average, 4=of little value, 5=poor				
Area				
Learning Resources Center	2.81	2.26	2.30	2.02
Teaching Faculty	2.06	2.10	2.14	2.06
Financial Aids	2.54	2.44	2.54	2.29
Course Selection	2.77	2.45	2.53	2.36
Learning Atmosphere	2.73	2.43	2.48	2.40
Admissions Program	2.35	2.48	2.53	2.44
Health Service	2.96	2.70	2.80	2.44
Student Activities	2.98	2.62	2.64	2.47
Records and Registration	2.44	2.35	2.52	2.49
Other Students	2.55	2.40	2.60	2.51
Food Service	3.17	2.73	2.73	2.69
Placement	2.81	2.85	2.96	2.70
Intercollegiate Athletics	3.05	3.08	3.14	2.83
Intramurals	2.80	2.96	2.94	2.87
Counseling	-	3.01	-	2.99
Comparison of Ratings Between Harper and College Transferred To				
Area				
Food Service	-.07	+.60	+.28	+.31
Records and Registration	+.49	+.36	+.17	+.23
Learning Resources Center	-.59	+.10	-.23	+.15
Admissions Program	+.52	-.16	+.24	+.04
Financial Aids	+.21	-.14	-.07	-.08
Teaching Faculty	-.09	-.29	-.08	-.09
Counseling	+.08	-.36	-.30	-.15
Student Activities	-.38	-.03	-.46	-.15
Learning Atmosphere	-.06	-.12	-.37	-.18
Health Service	-.40	-.70	-.37	-.22
Other students	+.13	-.28	-.43	-.35
Placement	-.10	-.50	-.66	-.30
Course Selection	-.39	-.34	-.58	-.40
Intercollegiate Athletics	-.42	-.52	-.74	-.54
Intramurals	-.06	-.15	-.51	-.80

+ = Harper ranked better

- = Other colleges ranked better

Distribution of Students by Major Field

Major Field	Transfer Alumni: Five Year Follow-Up Number	Five Year Follow-Up Percent	Three Year Follow-Up Number	Three Year Follow-Up Percent
Humanities & Liberal Arts	34½	21.3	144	29.0
Business	37	22.9	94	18.9
Education	13½	8.3	41	8.3
Biological Sciences	8	4.9	35	7.0
Other Social Sciences	13	8.0	35	7.0
Psychology	5½	3.4	30	6.0
Physical Education	4	2.5	27	5.4
Art	7½	4.6	20	4.0
Engineering	6½	4.0	20	4.0
Architecture	7½	4.6	13	2.6
Math	9	5.6	13	2.6
Music	1	.6	12	2.4
Physical Science	3	1.9	9	1.8
Communications	4	2.5	3	.6
No major	8	4.9	2	.4
	162	100%	498	100%
	Career Alumni			
Nursing	25	33.4	72	22.7
Dental Hygiene	14	18.7	40	12.6
Criminal Justice	2	2.7	35	11.1
Electronics	3	4.0	25	7.9
Data Processing	13	17.3	24	7.6
Secretarial Science	3	4.0	22	6.9
Fashion Design	1	1.3	20	6.3
Accounting Aide	2	2.7	17	5.4
Marketing Mid Management	4	5.3	17	5.4
Architectural Technology	3	4.0	14	4.4
Journalism	1	1.3	12	3.8
Food Service Management	1	1.3	11	3.5
Mechanical Engineering Technology	3	4.0	3	.9
Numerical Control	0	0	3	.9
Fire Science	0	0	2	.6
	75	100%	317	100%

Summary of Transfer and Vo-Tech

	Five Year Follow-Up		Three Year Follow-Up	
	Transfer	Vo-Tech	Transfer	Vo-Tech
Employed full-time - not enrolled in college	65.5	60.0	48.4	65.9
Employed full-time and enrolled part-time	13.0	10.7	10.2	10.4
Employed full-time and enrolled in college full-time	1.2	0	0	1.3
Enrolled in college full-time and employed part-time	4.9	5.3	11.9	3.2
Enrolled in college full-time but not employed	4.9	0	13.9	3.2
Employed part-time, enrolled part-time	1.2	1.3	2.4	1.9
Employed part-time but not enrolled in college	2.5	13.4	3.4	6.3
Armed Services	0	0	0	.9
Unemployed but seeking employment	2.5	1.3	4.6	2.2
Housewife, not employed, not seeking employment, not enrolled	3.7	5.3	1.4	.3
Not employed or enrolled in college for some other reason	0	0	2.8	4.4
Part-time student not employed	.6	2.7	0	0
Total	100%	100%	100%	100%
Number	162	75	498	317
Percent remaining in identical fields either in school or in job	12.7	50.8	21.0	48.3
Educational Goals				
Presently enrolled full-time in college	9.9	5.3	24.9	7.6
Presently enrolled part-time in college	14.8	13.3	13.5	11.0
Plan to return to college next year	16.7	10.7	9.6	12.0
Plan to return to college someday	14.8	22.7	15.7	23.3
Presently enrolled in specific training program	.6	2.7	4.8	3.2
No plans to continue education	29.6	34.6	23.7	30.3
Educational plans unknown	13.6	10.7	7.8	12.6
Total	100%	100%	100%	100%
Number	162	75	498	317

Status Change Since Leaving Harper	Five Year Follow-Up Transfer	Five Year Follow-Up Vo-Tech	Three Year Follow-Up Transfer	Three Year Follow-Up Vo-Tech
I was in college but am now employed full-time	46.8	7.5	20.0	6.7
I am working for different company or firm now	12.9	30.0	17.5	41.6
I am working for the same company or firm at the same job	5.4	27.5	8.8	21.0
I am still at the same college with same major	3.7	0	14.1	5.1
I am working for the same company or firm, but at a different job	4.3	20.0	8.4	10.8
I have changed colleges	7.5	2.5	6.6	1.0
I am still at the same college, but have changed major fields	1.1	0	6.2	1.0
I was working but now I have returned to college	2.1	5.0	6.4	1.5
I was unemployed and seeking employment but now I am working full-time	0	0	.8	.5
I am still unemployed and not enrolled full-time in college but am not seeking employment	1.1	0	2.3	1.0
I am still unemployed and not enrolled full-time in college and am seeking employment	0	0	2.3	.5
I wasn't seeking employment at the time of leaving Harper nor was I in college but now I am working full-time	0	2.5	.4	0
Was in college, now unemployed	2.1	0	2.3	1.5
I was in Armed Forces, I am now in college full-time	1.6	0	0	.3
I wasn't seeking employment at the time of leaving Harper nor was I in college but now I am enrolled in college full-time	1.1	2.5	1.1	0
Was employed, now unemployed	5.4	0	.8	2.6
Total disability	0	0	0	0
I am still in Armed Services	0	0	0	1.0
I was in Armed Forces, I am now working full-time	2.7	2.5	.5	.3
I was unemployed and seeking employment but now I am in college full-time	0	0	.4	0
Was working full-time, now part-time	1.1	0	0	.5
Was in college, now working part-time	1.1	0	1.1	0
Other changes	0	0	0	3.1
Total	100%	100%	100%	100%
Number	93	40	265	195

College Achievement Since Leaving Harper	Five Year Follow-Up Transfer	Five Year Follow-Up Vo-Tech	Three Year Follow-Up Transfer	Three Year Follow-Up Vo-Tech
I have taken no college courses since leaving Harper	14.9	48.0	20.5	56.5
I have taken some college courses but do not have a bachelors degree	23.6	36.0	42.6	31.5
I have achieved a bachelors degree	39.1	9.4	26.8	9.8
I have achieved a bachelors degree plus some graduate courses	17.4	5.3	9.6	1.3
I have achieved a masters degree	3.7	1.3	.4	.3
I have achieved a professional degree	1.3	0	.1	.6
I have achieved a doctorate	0	0	0	0
Total	100%	100%	100%	100%
Number	161	75	498	317
Percent achieving a bachelors degree or higher	61.5	16.0	36.9	12.0
Degree Achievement at Harper				
More than one degree	.6	0	1.8	0
Associate in Applied Science	5.6	34.6	5.0	35.3
Associate in Science	16.7	22.7	17.1	23.0
Associate in Arts	39.5	14.7	39.6	12.3
Certificate	0	12.0	.4	11.7
No degree	37.6	16.0	36.1	17.7
Total	100%	100%	100%	100%
Number	162	75	498	317
Reasons for Not Receiving Degree				
Preferred transferring to another college	57.7	0	57.6	30.2
Short credits	3.8	0	1.7	0
Had taken all courses originally wanted to take	7.7	66.7	6.5	7.0
Saw no relationship between the courses and personal, occupational or educational goals	3.8	0	1.2	2.3
Did not petition	0	0	5.9	0
Educational goals were not defined	3.9	0	1.2	4.7
Harper offered no further coures I wanted	7.7	0	4.1	0
Job demand	0	0	4.1	4.7
New job opportunity	0	0	1.2	11.6
Personal problems	0	0	1.7	0
Lost interest, wasn't challenged	0	0	1.2	2.3
Still enrolled at Harper	0	0	1.2	7.0
Family responsibility	0	0	1.2	2.3

Reasons for Not Receiving Degree (continued)	Five Year Follow-Up Transfer	Vo-Tech	Three Year Follow-Up Transfer	Vo-Tech
Marriage	0	0	1.2	11.6
Low grade point	0	0	1.2	0
Problem in financing further education	0	0	.6	0
Teachers were ineffective	0	0	.6	0
Moved	3.8	0	1.7	0
Personal financial problems	0	0	2.3	0
Illness	0	0	1.2	0
Entering military	11.6	33.3	1.2	0
Can't get in desired program at Harper	0	0	0	2.3
Didn't know I could get degree	0	0	1.2	0
Other	0	0	0	0
Total	100%	100%	100%	100%
Number	26	3	85	43

EMPLOYMENT INFORMATION

Classification of Present Occupation

Occupational Field

Medical field	1.3	47.7	3.8	33.7
Business or finance	19.9	12.9	25.5	15.0
Engineering or related technology	6.9	10.6	6.2	9.6
Office or clerical	7.9	4.5	11.2	8.1
Sales	10.6	3.5	15.1	6.6
Trades	14.6	6.1	9.8	5.1
Educational	18.9	2.3	1.24	2.2
Legal or governmental	4.0	1.5	5.8	9.7
Social or religious	2.0	.8	2.1	.7
Factory semi-skilled	5.9	1.5	3.8	1.8
Arts or humanities	4.0	3.0	1.2	.4
Scientific	0	0	1.8	.7
Food Service or Hotel/Motel	0	0	0	4.0
Conservation or agriculture	0	0	0	.7
Own or manage small business	0	0	0	.4
Other (not specified)	4.0	3.8	1.8	1.3
Total	100%	100%	100%	100%
Number of responses	151	66	338	273

Level of Employment		Five Year Follow-Up		Three Year Follow-Up	
Status Rating	Status Description	Transfer	Vo-Tech	Transfer	Vo-Tech
1	Unskilled labor	8.0	1.5	5.6	2.2
2	Semi-skilled labor	16.0	4.6	15.4	8.4
3	Technician-skilled labor foreman	7.3	9.1	17.8	14.7
4	Beginning professional	37.3	27.3	39.0	34.8
5	Experienced professional-second line supervisor	26.0	56.0	19.5	37.0
6	Researcher or middle management	4.7	1.5	1.5	1.8
7	Vice-president level or higher	.7	0	1.2	1.1
Total		100%	100%	100%	100%
Number of responses		150	66	338	273
Average status		3.74	4.36	3.61	4.06
Annual Salary					
Up to $5,000		.9	0	3.7	2.2
$ 5,000 - $ 7,000		6.3	2.0	15.0	7.1
$ 7,000 - $ 9,000		14.4	12.0	18.3	21.7
$ 9,000 - $10,000		17.1	6.0	17.9	11.1
$10,000 - $12,000		24.4	34.0	16.7	26.1
$12,000 - $15,000		22.5	32.0	17.1	22.1
$15,000 - $20,000		6.3	12.0	7.7	8.0
$20,000 - $25,000		5.4	2.0	1.6	1.3
Over $25,000		2.7	0	2.0	.4
Total		100%	100%	100%	100%
Number of responses		111	50	246	226
Mean Salary		$12,032	$12,260	$10,640	$11,558
Median Salary		$10,963	$11,824	$ 9,739	$10,627
Job Location	Distance Index				
Downtown Chicago	2	8.5	10.6	7.7	8.1
Outer fringes of Chicago	1	5.8	9.1	8.0	6.6
Northwest suburbs	0	47.3	37.9	46.4	44.6
Other Chicago suburbs	1	19.2	25.8	20.6	24.4
40 to 100 miles from Chicago	3	6.9	3.0	4.6	4.3
Illinois - more than 100 miles away	4	3.1	0	2.6	0
Outside Illinois	5	9.2	13.6	10.1	12.0
Total		100%	100%	100%	100%
Number of responses		130	66	345	258
Average distance index		1.21	1.33	1.19	1.20

Relatedness of Job To Major Field at Harper	Degree of Relatedness	Five Year Follow-Up Transfer	Five Year Follow-Up Vo-Tech	Three Year Follow-Up Transfer	Three Year Follow-Up Vo-Tech
They are identical	3	11.5	54.5	13.2	53.5
They are closely related	2	23.0	16.7	17.7	20.7
They are somewhat related	1	28.1	10.6	22.5	9.8
They are not related	0	37.4	18.2	46.6	16.0
Total		100%	100%	100%	100%
Number of responses		139	66	333	275
Mean relatedness index		1.09	2.08	.98	2.12

EDUCATIONAL INFORMATION

College or University Enrolled In				
Northern Illinois	11.7	25.0	19.8	3.6
University of Illinois - Circle	17.7	0	10.7	14.3
Southern Illinois	0	0	4.6	3.6
Western Illinois	11.7	0	4.6	3.6
Illinois State	0	0	5.3	0
Northeastern Illinois	5.9	0	7.6	3.6
DePaul	5.9	0	.8	7.1
University of Illinois - Champaign	5.9	0	6.5	3.6
Elmhurst	0	0	.8	0
Harper	0	0	2.3	7.1
Loyola	5.9	25.0	2.6	3.6
University of Wisconsin - Madison	0	0	.8	0
Eastern Illinois	0	0	2.3	0
Illinois Medical School	0	0	0	0
Valparaiso	0	0	0	0
Chicago Institute of Art	0	0	.8	7.1
Northwestern	0	25.0	2.3	0
North Dakota State	0	0	1.5	3.6
University of Wisconsin - Stout	0	0	0	10.7
Other	35.3	25.0	26.7	25.8
Total	100%	100%	100%	100%
Number of responses	17	4	131	28

Present Major Field	Five Year Follow-Up Transfer	Five Year Follow-Up Vo-Tech	Three Year Follow-Up Transfer	Three Year Follow-Up Vo-Tech
Social Sciences	5.9	0	10.9	32.2
Business	23.5	0	14.7	22.6
Biological & Health Sciences	35.3	50.0	16.8	22.6
Engineering & Technology	0	25.0	4.4	6.5
Architecture	0	0	6.5	6.5
Education	11.7	0	14.1	3.2
Agriculture & Conservation	0	0	1.6	3.2
Law	5.9	25.0	3.3	3.2
Journalism	0	0	0	0
Humanities	11.8	0	14.1	0
English - Literature - Speech	0	0	7.6	0
Math or Physical Science	5.9	0	4.4	0
Home Economics	0	0	1.1	0
Other (unspecified)	0	0	0	0
Total	100%	100%	100%	100%
Number of responses	17	4	92	31
Relatedness of Present Major to Major at Harper				
Degree of Relatedness				
3 Identical	29.4	50.0	35.9	22.2
2 Closely related	23.5	0	25.0	33.4
1 Somewhat related	29.4	50.0	22.8	22.2
0 Not related	17.7	0	16.3	22.2
Total	100%	100%	100%	100%
Number of responses				
Mean degree of relatedness	1.65	2.00	1.80	1.56
Portion of Courses Taken at Harper Which Were Transferred				
0 - 20 percent	0	0	0	8.0
20 - 40 percent	0	0	1.1	4.0
40 - 60 percent	6.3	25.0	3.3	12.0
60 - 80 percent	6.2	25.0	6.6	8.0
80 - 90 percent	25.0	0	9.9	0
All but 2 or 3 courses	18.7	25.0	16.5	8.0
All but 1 course	6.3	0	7.7	12.0
Transferred all courses	37.5	25.0	54.9	48.0
Total	100%	100%	100%	100%
Number of responses	16	4	91	25
Mean percent of courses transferred	88.6	76.9	91.7	80.0

Grade Performance of Harper Alumni at Four Year Institutions They Are Attending	Five Year Follow-Up Transfer	Five Year Follow-Up Vo-Tech	Three Year Follow-Up Transfer	Three Year Follow-Up Vo-Tech
Percent of students who earned a 3.0 cumulative GPA or better	58.8	50.0	57.5	39.1
Percent of students who earned below a 2.0 cumulative GPA	0	0	2.1	0
Mean cumulative GPA	3.00	3.00	2.92	2.90
Number of respondents	17	4	94	23
Grade Performance of Harper Alumni While at Harper				
Percent of students who earned a 3.0 cumulative GPA or better	23.5	0	38.3	16.7
Percent of students who earned below a 2.0 cumulative GPA	5.9	50.0	2.5	5.6
Mean cumulative GPA	2.45	1.95	2.75	2.44
Number of respondents	17	4	81	18
Cost of Present College to Family or Student				
Less than $ 500	18.2	0	1.2	18.2
$ 500 - $1,000	0	25.0	8.6	4.5
$1,000 - $1,500	0	0	7.4	0
$1,500 - $2,000	9.1	0	17.3	22.7
$2,000 - $2,500	9.1	25.0	14.8	18.2
$2,500 - $3,000	0	50.0	23.5	36.4
Over $3,000	63.6	0	27.2	0
Total	100%	100%	100%	100%
Number of responses	11	4	81	22
Mean cost per year	$2645	$2125	$2393	$1895

How Education at Harper Helped Alumni on Their Present Job - Summary

Provided training in specific skill needed - 164
Education didn't help - 58
Provided me general background - 48
Provided background in accounting, management, marketing business - 46
Education not related to present job - 30
Provided pre professional background for present profession - 19
Improved my human relations skills - 17
Improved my communication skills - 7
Specific program areas provided useful background - 7
Harper interested and motivated me in present direction and broadened my horizons - 7
Helped me only in non-job activities - 4
Improved my skill in field - 4
Helped me to mature - 3
I was in wrong field at Harper and have since changed vocational fields - 2
It is of no help to me now but will probably be of help in future - 2
Obtained present job through Harper contact and recommendation - 2
Raised my confidence level - 1

Total Summary

	Number	Percent
Harper education was helpful in present job	337	77.8
Harper education was not helpful in present job	96	22.2
	433	100.0%

How Harper's Education Helped Them on Job - Detailed Responses

General knowledge and background - 112
Provided me good general business background - 45
Accounting program was directly related to present job as accountant - 11
Motivated me to become an accountant - 1
Provided me basics in marketing - 6
Business and other classes helped me in sales - 3
Helped me improve my secretarial skills or helped me become a secretary - 4
Typing helped me in my present job as clerk in accounts payable - 3
Course in office machines is directly related to present job - 3
Data processing program prepared me for my present job as IO clerk and programmer with electronic data recorders - 4
Food Service Management program directly related to my present job - 1
Provided me a foundation for a bachelors degree - 49
The degree opened opportunities for me - 14
Nursing Program was directly related to my present job as a nurse - 37
Specialized nursing course presented by Ms. Hollerman especially helpful - 1
Nursing program helped me to prepare for state boards - 16
Nursing provided me good foundation for present field in medical psychology - 1
Nursing program provided me a background which helps me on present job as a hemo-dialysis nurse - a new field - 1
Dental Hygiene program was directly related to my present job as Dental Hygienist - 29
Prepared me to take National and State Dental Hygiene Boards - 2

How Harper's Education Helped Them on Job - (Continued)

Psychology and interaction with students gave me a good background in working with people - 29
Helped me in communication skills and decision making and gave me confidence - 19
Made me more aware of environment around me - 4
Helped me to mature - 2
Political Science and history background helped me - 1
Psychology helped me in present job of dealing with emotionally distrubed children - 1
Changed my social philosophy - 1
Broadened my horizons - 1
Taught me to teach myself - 1
Criminal Justice program directly related to my present job helped dealing with dilenquent youth and helped me get job - 11
It will be of help in future job with FBI I am anticipating - 1
Math background helped - 5
Science program helped - 3
Art classes were great preparation for me as art instructor and in art display and design - 4
Encouraged me to develop my artistic skills - 1
Helped me prepare to be a music teacher - 1
Course in theater was enjoyed and helps in way I deal with certain people - 1
An introduction to architects outloook on construction situation very helpful - 1
Architecture tech courses helped in my job as village building inspector - 1
Prepared me to be a draftsman - 2
Engineering courses helped me - 1
Motivated an interest in mechanics - 1
My electronics program at Harper was directly related to my present job - 4
Provided ground work to become electrical engineer - 1
Helped me in instrument repairs and maintenance in my territory - 1
Biological sciences provided background and contacts for job - 4
Prepared me for pharmacy school - 1
Medical lab technology helped me in microbiology - 1
Pre-vet program got me into vet school and prepared me for present job as a vet - 1
Fashion design program closely related to my present job - 4
Fashion design helped me make my own clothes - 1
Physical education courses helped me - 1
Motivated me to become a physical education major - 1
Sports program helped me - 1
Major preparation was extra-curricular audio-visual work - 1
Courses at Harper directly related to my graduate assistant activities - 1
Internship helped me get job - 1
Motivated me to become a teacher - 1
Child care helped me in my teaching careet for handicapped children - 1
Helped me explore a number of career alternatives - 1
Helped me get good job - 1
Spanish helped me - 1

Personal Development - 141

Provided maturing experience - gave confidence - motivated - 51
Learned how to interact and deal with different people - 44
Made friends - 21
Varied background of students in classroom - 7
Student interaction - 7
Learned to organize ones time and to discipline self - 4
Learned to appreciate value of education - 3
Motivated to succeed -1
Learned to take directions - 1
Meaningful religious experience - 1
Non-violent movement participation - 1

Faculty and Counselor Impact - 113

Some outstanding faculty stimulated and motivated me - 52
Genuine interest of faculty in students extra help received - 23
Interaction and relationship with faculty and staff - 19
Help from counseling was useful - 14
Private counseling helped me - 2
Outstanding counselors stimulated and motivated me - 2
Advice received from faculty - 1

Specific Courses or Programs

Good Experiences - 92

Psychology - 10
Nursing - 8
Philosophy and Humanities - 7
Political Science - 5
Electronics - 5
Sociology - 4
English - 4
Speech - 4
Secretarial Science - 4
History - 4
Chemistry - 3
Math - 3
Learning laboratory - 3
Music theory and history - 3
Business courses - 2
Food Service - 2
Physics - 2
Fashion Design - 2
Journalism - 2
Architectural Design - 2
Human anatomy and physiology - 1
Education courses - 1
Criminal Justice classes - 1
Art - 1
Dental Hygiene - 1
Physical Edcuation - 1
Child care - 1
Mechanical engineering - 1
Data Processing - 1
Marketing - 1
Business management - 1
Accounting - 1
Purchasing - 1

Bad Experiences or Needs - 2

Need business program for small businessman - 1
Didn't like electives in unrelated fields - 1

Preparation for the Future

Good Experience - 68

Opportunity to start college career and good preparation for transferring - 25
Was able to figure out future goals - 22
Harper motivated me to continue my education - 8
Professional job preparation - 5
Counseling services and contacts received motivated me to enter counseling field - 2
Job placement - 2
Helped me achieve my life long professional goal - 2
Knowing what a potential resource Harper could be for me in future - 1
Career guidance and testing was helpful - 1

Work Related and Volunteer Experiences While at Harper - 56

Work and clinical experience while attending Harper - 51
Volunteer work while attending Harper - 4
Contacts with professionals in field - 1

General Evaluation of Harper

Good Experiences - 44

Relaxed, open, independent, very motivating but controlled atmosphere - 19
The whole experience - 13
Getting the diploma - 6
Just having access to education - impossible without Harper - 6

Bad Expereinces - 6

Two years at Harper were a real disappointment - 6

General Academic Experiences - 35

Class room experiences - 30
LRC facilities - 3
Small classes - 1
Learned to do library research - 1

Student Activity Experiences - 22

Intercollegiate athletics - 8
Working on Harbinger - 4
Other student activities - 3
Speech Club -3
Student senate activities - 2
Professional clubs - pre med club - 1
Musical groups on campus - 1

Social Sciences - 61

Education - 19

More advanced education courses - 6
More education courses - 5
Child care courses - 3
Elementary education - 2
Educational psychology - 2
Educational tests and measurements - 1

Political Science and Public Administration - 12

Public administration - 6
More political science courses - 3
Business political science - 1
Political science history - 1
International relations - 1

Psychology - 7

More in depth psychology - 2
Abnormal psychology - 2
Business psychology - 1
Child psychology - 1
Counseling psychology - 1

Sociology - 5

More in depth sociology - 3
Group dynamics - 1
Sociology theory - 1

Criminal Justice - 5

Criminal law - 1
Better traffic law training - 1
Better juvenile law training - 1
Loss prevention program for personnel security - 1
Criminology - 1

Other

More anthropology - 3
Geography - 1
Social Studies - 1
More history courses - 1
More fire science courses - 1

Biological and Health Sciences - 36

Nursing - 21

Comparative anatomy - 7
More clinical experience - 6
Microbiology -4
Biochemistry - 1
Curriculum which includes obstetrics and surgical - 1
Pharmacology - 1
Current trends in nursing - 1

Biology Related - 5

More biology - 2
Environmental biology - 1
Biology for education majors - 1
Zoology - 1

Dental Hygiene - 4

More dental hygiene related courses - 1
Root planning-periodontics in depth - 1
Dental hygiene specialities - 1
Expanded duties for dental hygiene - 1

Botany related - 3

Organic agriculture - 1
More specific botany courses (dendrology) - 1
More botany courses - 1

Other - 3

Nutrition - 1
Mental Health courses - 1
More medical career programs - 1

Art Fields - 31

Art - 7

Basic art and drawing - 3
More design courses - 1
Art appreciation - 1
Commercial art - 1
Color design - 1

Photography - 6

Fashion - 5

Fashion merchandising - 3
Textiles - 1
More extensive fashion design program - 1

Art Fields (cont.)

Architecture - 3

Architecture at night - 1
Model building program for architects - 1
More in-dept arch design - 1

Craft - 3

Craft art - 2
Needlework - 1

Music - 3

Music appreciation - 2
Jazz and improvisation - 1

Interior Design

More interior design - 1
History of interior design - 1

Drama - 2

Communications - 27

Journalism - 17

More specialized courses in journalism - 4
Advertising theory - 3
Public relations - 3
Broadcast journalism - 2
Broadcast law - 1
Copy writing - 1
Ad layout - 1
Journalism at night - 1
Visual communications - 1

Other - 10

Communication - 3
Public speaking - speech - 3
Business communications - 1
More stringent English writing course - 1
More selection of English courses - 1
Report and speech writing - 1

Math & Physical Sciences - 25

Math - 13

More advanced math - 8
More math - 2
Computer math science - 2
Practical math - 1

Chemistry - 5

More chemistry - 3
Quantitative analysis - 2

Other Sciences - 7

Physics - 2
Nuclear physics - 1
Separate science for nurses - 1
More science - 1
More geology - 1
Independent study in sceince - 1

Engineering and Technology - 18

Electronics - 5

Digital and logic circuit electronics - 3
Electric energy - 1
General electronics trouble shooting - 1

Construction - 5

Blue print analysis - 2
Building engineering - 1
Building codes and zoning - 1
Field construction program - 1

General Engineering - 3

Slide rule - 1
More engineering and stress fund - 1
More specialized courses in engineering - 1

Other - 5

Should have learned a trade - 1
Industrial education - 1
Plastic molding - 1
Basic shop courses - 1
Numerical control - 1

Liberal Arts - 13

Philosophy - 3
Foreign languages - 2
Foreign literature - 2
Spanish - 2
More specialized courses in literature - 2
Philosophy of western and non-western civilizations - 1
Humanities - 1

Physical Education - 4

More professional PE courses - 2
Fencing - 1
Intercollegiate sports for girls - 1

Other - 6

Reduce degree requirements - 3
Make Harper a four year college - 1
Other courses taught by different methods - 1
Offer basic home economics courses - 1

APPENDIX

HARPER COLLEGE FORMER STUDENT FOLLOW-UP QUESTIONNAIRE

Give a permanent address where you can always be reached.

_____

_____

Read the following items carefully and for each mark an (✓) on the line beside the most appropriate alternative. Mark only one alternative per item unless otherwise stated.

I. Please check (✓) major field while at Harper.

_____ 1. Accounting Aide
_____ 2. Architecture
_____ 3. Architectural Technology
_____ 4. Art
_____ 5. Biological Sciences
_____ 6. Business
_____ 7. Communications
_____ 8. Criminal Justice
_____ 9. Data Processing
_____ 10. Dental Hygiene
_____ 11. Education
_____ 12. Electronics
_____ 13. Engineering
_____ 14. Fashion Design
_____ 15. Fire Science
_____ 16. Food Service Management
_____ 17. Humanities and Liberal Arts
_____ 18. Journalism
_____ 19. Market Mid-Management
_____ 20. Mathematics
_____ 21. Mechanical Engineering Technology
_____ 22. Music
_____ 23. Numerical Control
_____ 24. Nursing
_____ 25. Physical Education
_____ 26. Physical Sciences
_____ 27. Psychology
_____ 28. Secretarial Science
_____ 29. Other Social Sciences

II. What is your present status? Check one (✓).

_____ 1. I am employed full-time but am not enrolled in college.
_____ 2. I am employed full-time and am enrolled in college part-time.
_____ 3. I am employed full-time and am enrolled in college full-time.
_____ 4. I am enrolled in college full-time and am employed part-time.
_____ 5. I am enrolled in college full-time but am not employed.
_____ 6. I am enrolled in college part-time and employed part-time.
_____ 7. I am employed part-time but am not enrolled in college.
_____ 8. I am in the Armed Forces.
_____ 9. I am unemployed and not enrolled in college but am seeking employment.
_____ 10. I am a housewife not employed nor enrolled in college.
_____ 11. I am not employed nor enrolled in college for some other reason such as illness or in transition, etc.

III. What are your present educational goals? Check (✓) one.

_____ 1. I am presently enrolled full-time in a college or university.
_____ 2. I am presently enrolled part-time in a college or university.
_____ 3. I plan within the next year to return to college.
_____ 4. I plan to return to college someday.
_____ 5. I am presently enrolled in a specific training program.
_____ 6. I have no plans at present to continue my education.
_____ 7. My educational plans are unknown at this point.

IV. How has your status changed since leaving Harper? Compare the first four months after leaving Harper with your status at present. Check (✓) one.

_____ 1. I am working for the same company or firm at the same job.
_____ 2. I am working for the same company or firm, but at a different job.
_____ 3. I am working for different company or firm now.
_____ 4. I was working but now I have returned to college.
_____ 5. I am still at the same college with same major.
_____ 6. I am still at the same college, but have changed major fields.
_____ 7. I have changed colleges.
_____ 8. I was in college but am now employed full-time.
_____ 9. I am still in Armed services.
_____ 10. I was in Armed Forces, I am now in college full-time.
_____ 11. I was in Armed Forces, I am now working full-time.
_____ 12. I am still unemployed and not enrolled full-time in college and am seeking employment.
_____ 13. I was unemployed and seeking employment but now I am in college full-time.
_____ 14. I was unemployed and seeking employment but now I am working full-time.
_____ 15. I wasn't seeking employment at the time of leaving Harper nor was I in college but now I am enrolled in college full-time.
_____ 16. I wasn't seeking employment at the time of leaving Harper nor was I in college but now I am working full-time.
_____ 17. I am still unemployed and not enrolled full-time in college but am <u>not</u> seeking employment.
_____ 18. I have changed my status since leaving in a way that is not described above (specify) _____

_____

V. How far have you continued your education since leaving Harper? Check (✓) one.

_____ 1. I have taken no college courses since leaving Harper.
_____ 2. I have taken some college courses but do not have a bachelors degree.
_____ 3. I have achieved a bachelors degree.
_____ 4. I have achieved a bachelors degree plus some graduate courses.
_____ 5. I have achieved a masters degree.
_____ 6. I have achieved professional degree.
_____ 7. I have achieved the doctorate.

VI. Did you graduate from Harper? Check (✓) one.

_____ 1. Yes, with AA degree.
_____ 2. Yes, with AS degree.
_____ 3. Yes, with AAS degree.
_____ 4. Yes, with certificate.
_____ 5. No.

VII. If you did not receive a degree from Harper, indicate why you didn't. Check (✓) the most appropriate alternative.

_____ 1. I have moved.
_____ 2. Family responsibilities
_____ 3. Job demand
_____ 4. New job opportunity
_____ 5. Personal problems
_____ 6. I saw no relationship between the courses and my personal, occupational or educational goals.
_____ 7. Personal financial problems
_____ 8. Marriage
_____ 9. Teachers were ineffective
_____ 10. Transportation problems
_____ 11. Illness
_____ 12. Problem in financing further education
_____ 13. I had taken all courses I originally wanted to take.
_____ 14. Harper offered no further courses I wanted.
_____ 15. Entering military
_____ 16. My educational goals were not defined
_____ 17. I wasn't challenged
_____ 18. I preferred transferring to another college or university
_____ 19. Other (specify)

_____

_____

Employment Item

If you are employed, please answer the following six items; otherwise skip to item XIV.

VIII. How would you classify your present occupation?

_____ 1. Social or religious
_____ 2. Educational
_____ 3. Legal, governmental or political
_____ 4. Sales
_____ 5. Business or finance
_____ 6. Scientific
_____ 7. Engineering or related technology
_____ 8. Medical fields
_____ 9. Arts or humanities
_____ 10. Trades
_____ 11. Factory semi-skilled
_____ 12. Office or clerical
_____ 13. Other (specify) _____

_____

_____

IX. Which of the following items best describes your employment status?

_____ 1. Unskilled labor
_____ 2. Semi-skilled labor
_____ 3. Technician, skilled labor or foreman
_____ 4. Beginning professional
_____ 5. Experienced professional or second line supervision
_____ 6. Creative scientist or researcher or upper middle management
_____ 7. Vice-president level or higher

X. How related is your present job to your major field and what you prepared for at Harper?

_____ 1. They are identical.
_____ 2. They are closely related.
_____ 3. They are somewhat related.
_____ 4. They are not related.

XI. What is your annual salary range: (Answer only if employed full-time)

_____ 1. Up to $5,000
_____ 2. $ 5,000 - $ 7,000
_____ 3. $ 7,000 - $ 9,000
_____ 4. $ 9,000 - $10,000
_____ 5. $10,000 - $12,000
_____ 6. $12,000 - $15,000
_____ 7. $15,000 - $20,000
_____ 8. $20,000 - $25,000
_____ 9. Over $25,000

XII. Where is your job located?

_____ 1. Downtown Chicago
_____ 2. Outer fringes of Chicago city limits
_____ 3. Northwestern Suburban Area (Barrington, Hoffman Estates, Schaumburg, Palatine, Rolling Meadows, Arlington Heights, Mt. Prospect, Prospect Heights, Wheeling, Buffalo Grove, Elk Grove)
_____ 4. Other Chicago area suburbs
_____ 5. Within 40 to 100 miles of Chicago
_____ 6. In Illinois more than 100 miles from Chicago
_____ 7. Outside of Illinois (specify) _____

XIII. Describe briefly how your education at Harper has prepare you for the job you are presently in.

_____
_____
_____
_____

Education Items

If you are presently enrolled in a college or university full-time, please answer the following seven questions. Otherwise skip directly to item XXI.

XIV. Which college or university are you enrolled in?

_____ 1. Northern Illinois
_____ 2. University of Illinois - Circle
_____ 3. University of Illinois - Champaign
_____ 4. Western Illinois
_____ 5. Southern Illinois
_____ 6. Harper
_____ 7. Illinois State
_____ 8. Loyola
_____ 9. Roosevelt
_____ 10. Northeastern Illinois
_____ 11. DePaul
_____ 12. Eastern
_____ 13. Other (specify) _____

XV. Which of the following best describes your status?

____	1. Freshman	____	5. Graduate School
____	2. Sophomor	____	6. Professional School
____	3. Junior	____	7. Other (specify)
____	4. Senior		_____
			_____

XVI. What is your major field presently?

____	1. Architecture	____	9. Law
____	2. Biological and Health Science	____	10. Math or Physical Science
____	3. Business	____	11. Social Science
____	4. Education	____	12. English-Literature-Speech
____	5. Engineering	____	13. Languages
____	6. Home Economics	____	14. Agriculture & Conservation
____	7. Humanities	____	15. Other (Specify)_____
____	8. Journalism		_____

XVII. How related is your present major to your major at Harper?

____ 1. They are identical
____ 2. They are closely related
____ 3. They are somewhat related
____ 4. They are not related

XVIII. What portion of the courses which you took at Harper were you able to transfer? If you don't know for sure make the best guess you can.

____	1. 0-20%	____	5. 80-90%
____	2. 20-40%	____	6. All but 20 or 3 courses
____	3. 40-60%	____	7. All but 1 course
____	4. 60-80%	____	8. Transferred all courses

XIX. What is your approximate cumulative grade point average on a 4.0 basis at the college you now attend? Check (✓) the closest GPA.

"A"
____4.0 ____3.8 ____3.4 ____3.2

"B"
____3.0 ____2.8 ____2.6 ____2.4 ____2.2

"C"
____2.0 ____1.8 ____1.6 ____1.4 ____1.2

"D"
____1.0 ____less than 1.0

XX. How much does it cost you or your family per year to attend your present college? Include tuition, books, room and board, and personal expenses.

____	1. Less than $ 500	____	5. $2,000 - $2,500
____	2. $ 500 - $1,000	____	6. $2,500 - $3,000
____	3. $1,000 - $1,500	____	7. Over $3,000
____	4. $1,500 - $2,000		

Evaluation Items

Please note the following aspects of college as you knew them while at Harper College. Place the appropriate number on the blank preceding the aspect. Rate Harper and the college you are now attending (if any) as follows:

1. Excellent
2. Very good
3. Average
4. Borderline effectiveness
5. Poor or ineffective
* ✓

*Please mark (✓) if you have no basis for rating the aspect.

	Harper	College now attending (if any)	
XXI.	_____	_____	Teaching Faculty
XXII.	_____	_____	Course Selection
XXIII.	_____	_____	Counseling
XXIV.	_____	_____	Admissions Program
XXV.	_____	_____	Records and Registration
XXVI.	_____	_____	Student Activities (lectures, concerts, clubs, social events, student government, student publications, game area)
XXVII.	_____	_____	Learning Resources Center (library and AV center)
XXVIII.	_____	_____	Placement
XXIX.	_____	_____	Financial Aids
XXX.	_____	_____	Health Service
XXXI.	_____	_____	Intercollegiate Athletics
XXXII.	_____	_____	Food Service
XXXIII.	_____	_____	Intramurals
XXXIV.	_____	_____	Learning Atmosphere
XXXV.	_____	_____	Other Students

XXXVI. Which courses taken at Harper have been of most benefit to you on the job, in college, or in the community? Check (✓) all those that apply.

_____ 1. Accounting
_____ 2. Architecture
_____ 3. Art
_____ 4. Biology
_____ 5. Chemistry
_____ 6. Criminal Justice
_____ 7. Data Processing
_____ 8. Dental Hygiene
_____ 9. Education
_____ 10. Electronics
_____ 11. English
_____ 12. Fashion Design
_____ 13. Fire Science
_____ 14. Food Service
_____ 15. General Business
_____ 16. History
_____ 17. Journalism
_____ 18. Marketing
_____ 19. Math
_____ 20. Mechanical Engineering
_____ 21. Numerical Control
_____ 22. Criminal Justice
_____ 23. Physical Science
_____ 24. Physical Education
_____ 25. Political Science
_____ 26. Nursing
_____ 27. Refrigeration & Air Conditioning
_____ 28. Sociology
_____ 29. Speech
_____ 30. Supervisory & Admin. Management
_____ 31. Psychology
_____ 32. Secretarial Science

XXXVII. Which courses taken at Harper have been of least benefit to you on the job, in college, or in your community? Check (✓) all those that apply.

____	1. Accounting	____	17. Journalism
____	2. Architecture	____	18. Marketing
____	3. Art	____	19. Math
____	4. Biology	____	20. Mechanical Engineering
____	5. Chemistry	____	21. Numerical Control
____	6. Criminal Justice	____	22. Philosophy & Humanities
____	7. Data Processing	____	23. Physical Science
____	8. Dental Hygiene	____	24. Physical Education
____	9. Education	____	25. Political Science
____	10. Electronics	____	26. Nursing
____	11. English	____	27. Refrigeration & Air Conditioning
____	12. Fashion Design	____	28. Sociology
____	13. Fire Science	____	29. Speech
____	14. Food Service	____	30. Supervisory & Admin Mgmt
____	15. General Business	____	31. Psychology
____	16. History	____	32. Secretarial Science

XXXVIII. Are there courses which, had they been included in your curriculum, would have benefited you now on your job, in college, or in your community?

_____

_____

_____

XXXIX. Of all your experiences at Harper, both in and outside the classroom, which do you think has helped you most since leaving Harper?

_____

_____

_____

_____

UNIVERSITY OF CALIF.
LOS ANGELES

MAR 1 2 1976

CLEARINGHOUSE FOR
JUNIOR COLLEGES